.1c HW

Name: _____

Teacher: _____

Algebra Pd: _____

_____ _____ _____

Day *Month* *Year*

Why Did Zorna Flunk the Grammar Test?

Solve each problem below. Find your solution and notice the two letters next to it. Write these letters in the two boxes above the exercise number at the bottom of the page.

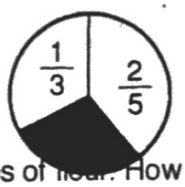
1. Joe Ravioli went running 3 days this week. He ran $2\frac{1}{2}$ mi on Monday, $2\frac{3}{10}$ mi on Wednesday, and $3\frac{2}{5}$ mi on Friday. How far did he run altogether this week?

2. Nuts to You sells trail mix in 16-ounce packages. Half the weight is peanuts. There are also 2 oz of almonds, 1 oz of cashews, and 3 oz of raisins. The rest is chocolate chips. What fraction of the mix is chocolate chips?

3. Six Flags Amusement Park has found that $\frac{3}{5}$ of its customers ride the Colossus roller coaster. Of these, $\frac{1}{4}$ ride it again. What fraction of the customers ride the roller coaster twice?

4. A record album is $\frac{3}{16}$ of an inch thick. How many albums can be stacked to fit in a box 12 in. high?

5. In the figure shown to the right, what fractional part of the circle is shaded?



6. A recipe for 2 dozen cookies calls for $1\frac{1}{3}$ cups of flour. How much flour would be needed to make 5 dozen cookies?

7. A backpacking club can average $2\frac{1}{2}$ miles per hour. At that rate, how long will it take for a hike of $8\frac{3}{4}$ miles?

8. Lisa is working on plans for a 12-acre housing development. A park will cover $2\frac{1}{2}$ acres, and paved areas will take $1\frac{3}{4}$ acres. How many acres are left for home sites?

9. Biff earned \$45 working at Happy Days Drive-In. He spent $\frac{1}{3}$ of the money on gas for his car and $\frac{1}{5}$ of it on flowers for his girl friend. How much money does he have left for the big date?

(IT) $\frac{1}{4}$

(EN) $3\frac{1}{2}$ h

(EM) $2\frac{3}{4}$ c

(AD) $\frac{3}{20}$

(MM) \$21

(TO) $8\frac{3}{8}$

(AS) $8\frac{1}{5}$ mi

(TH) $\frac{3}{10}$

(AT) $4\frac{1}{8}$ h

(SE) 64

(LI) $8\frac{1}{2}$ mi

(EH) $3\frac{1}{3}$ c

(SH) $\frac{1}{8}$

(NO) $7\frac{3}{4}$

(RE) \$25

(CO) $\frac{4}{15}$

(UR) 50

2	6	3	8	5	9	1	7	4